

On page 118, line 35, please delete "laminar", and insert --turbulent-- in its place.

On page 118, line 36, please delete "turbulent", and insert --laminar-- in its place.

IN THE CLAIMS:

Please amend the claims as follows. For the Examiner's convenience, the pending claims as amended are listed in the Appendix below.

Please cancel Claims 72, 73, 75 and 76, without prejudice.

Please amend Claims 70, 71, 74, 77 and 80-87 as follows:

70. (amended) An isolated polynucleotide comprising a nucleotide sequence[:

(a)] encoding [a polypeptide having] the [fchd605] amino acid sequence set forth in SEQ ID NO:10[: or (b) which is the complement of (a)].

B1
71. (amended) An isolated polynucleotide comprising the [fchd605] nucleotide sequence[: (a)] set forth in SEQ ID NO:9[: or (b) which is the complement of (a)].

B2
74. (amended) An isolated polynucleotide comprising the nucleotide sequence[: (a)] of the [fchd605] polypeptide coding region[, as] set forth from nucleotide residue number 1 to 468 of SEQ ID NO:9[: or (b) which is the complement of (a)].

B3
77. (amended) [An] The isolated polynucleotide of Claim 70, 71, [72, 73,] 74, [75, or 76] 97, 98, or 99 which is DNA.

B4 confd
80. (amended) The isolated polynucleotide of Claim 70, 71, [72, 73,] 74, [75, or 76] 97, 98, or 99 which is RNA.

81. (amended) The isolated polynucleotide of Claim 70, 71, [72, 73,] 74, [75, or 76] 97, 98, or 99 which further comprises a label.

82. (amended) A polynucleotide vector containing the polynucleotide of Claim 70, 71, [72, 73,] 74, [75, or 76] 97, 98, or 99.

83. (amended) An expression vector containing the polynucleotide of Claim 70, 71, [72, 73,] 74, [75, or 76] 97, 98, or 99 in operative association with a nucleotide regulatory element which controls expression of the polynucleotide in a host cell.

By
Concld.
84. (amended) A cultured genetically engineered host cell containing the polynucleotide of Claim 70, 71, [72, 73,] 74, [75, or 76] 97, 98, or 99 [in association with nucleotide sequences exogenous to the polynucleotide].

85. (amended) A cultured genetically engineered host cell containing the polynucleotide of Claim 70, 71, [72, 73,] 74, [75, or 76] 97, 98, or 99 in operative association with a nucleotide regulatory element [exogenous to the polynucleotide, wherein the regulatory element] that controls expression of the polynucleotide in the host cell.

86. (amended) The cultured genetically engineered host cell of Claim 85 which is prokaryotic.

87. (amended) The cultured genetically engineered host cell of Claim 85 which is eukaryotic.

Please add new Claims 97-102 as follows:

-- 97. (new) An isolated polynucleotide consisting of a nucleotide sequence encoding the amino acid sequence set forth in SEQ ID NO:10.

98. (new) An isolated polynucleotide consisting of the nucleotide sequence of the polypeptide coding region set forth from nucleotide residue number 1 to 468 of SEQ ID NO:9.

99. (new) An isolated polynucleotide consisting of the nucleotide sequence set forth in SEQ ID NO:9.

100. (new) The isolated polynucleotide of Claim 70, 71, 74, 97, 98, or 99 which is double stranded.

101. (new) The isolated polynucleotide of Claim 70, 71, 74, 97, 98, or 99 which is the coding strand.

102. (new) The isolated polynucleotide of Claim 70, 71, 74, 97, 98, or 99 which is the non-coding strand.--